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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

3

Complete if Known

Application Number	10/777,979
Filing Date	February 12, 2004
First Named Inventor	Emily Eng et al.
Group Art Unit	2114
Examiner Name	Iqbal, Nadeem
Attorney Docket Number	112056-0180

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
N/	1	4,570,217		Allen et al.	02-11-1986	
N/	2	5,163,131		Row et al.	11-10-1992	
N/	3	5,202,979		Hillis et al.	04-13-1993	
N/	4	5,278,979		Foster et al.	01-11-1994	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
N/	5	AKYUREK, SEDAT, <i>Placing Replicated Data to Reduce Seek Delays</i> , Department of Computer Science, University of Maryland, UMIACS-TR-91-121, CS-TR-2746, August 1991.
N/	6	BITTON, DINA, <i>Disk Shadowing</i> , Proceedings of the 14 th VLDB Conference, LA, CA 1988.
N/	7	CHAUDHURI, SURAJIT, ET AL., <i>Self-Tuning Technology in Microsoft SQL Server</i> , Data Engineering Journal 22, 2 1999 pp. 20-27.
N/	8	CHUTANI, SAILESH, ET AL., <i>The Episode File System</i> , In Proceedings of the USENIX Winter 1992.
N/	9	COYNE, ROBERT A., ET AL., <i>Storage Systems for National Information Assets</i> , Proc. Supercomputing 92, Minneapolis, Nov. 1992, pp. 626-633.
N/	10	FINLAYSON, ROSS S., ET AL., <i>Log Files: An Extended File Service Exploiting Write-Once Storage</i> Department of Computer Science, Stanford University, Report No. STAN-CS-87-1177, September 1987.
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N/	13	HOWARD, JOHN, H. ET AL., <i>Scale and Performance in a Distributed File System</i> , Carnegie Mellon University, CMU-ITC-87-068, August 1987.

Examiner
Signature

Date
Considered

8-5-05

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				Filing Date	February 12, 2004
				First Named Inventor	Emily Eng et al.
				Group Art Unit	2114
				Examiner Name	Iqbal, Nadeem
				Attorney Docket Number	112056-0180

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
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NI	14	HOWARD, JOHN H., <i>An Overview of the Andrew File System</i> , Carnegie Mellon University, CMU-ITC-88-062 1988.	
NI	15	HOWARD, JOHN, H. ET AL., <i>Scale and Performance in a Distributed File System</i> , ACM Trans. Computer System, 6(1), Feb. 1988 pp. 51-81.	
	16	KAZAR, MICHAEL LEON, <i>Synchronization and Caching Issues in the Andrew File System</i> , Carnegie Mellon University, CMU-ITC-88-063.	
	17	KAZAR, MICHAEL L., ET AL., <i>DEcorum File System Architectural Overview</i> , USENIX Summer Conference, Anaheim, California, 1990.	
	18	KEMPER, ALFONS, ET AL., <i>Performance Tuning for SAP R/3</i> , Data Engineering Journal 22, 2 1999 pp. 33-40.	
	19	KENT, JACK ET AL., <i>Optimizing Shadow Recovery Algorithms</i> , IEEE Transactions on Software Engineering, 14(2): 155-168, February 1988.	
	20	KISTLER, ET AL., <i>Disconnected Operation in the Coda File System</i> , ACM Transactions on Computer Systems, Vol. 10, No. 1, February 1992, pp 3-25.	
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	22	OUSTERHOUT, JOHN ET AL., <i>Beating the I/O Bottleneck: A Case for Log-Structured File Systems</i> , Technical Report, Computer Science Division, Electrical Engineering and Computer Sciences, University of California at Berkeley, October 30, 1988.	
NI	23	PATTERSON, D., ET AL., <i>A Case for Redundant Arrays of Inexpensive Disks (RAID)</i> , Technical Report, CSD-87-391, Computer Science Division, Electrical Engineering and Computer Sciences, University of California at Berkeley 1987.	
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NI	25	PETERSON, ZACHARY NATHANIEL JOSEPH, <i>Data Placement for Copy-on-Write Using Virtual Contiguity</i> , University of CA, Santa Cruz, Master's Thesis for the Department of Science in Computer Science, September 2002.	

Examiner Signature		Date Considered	8-5-05
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Sheet 3 of 3

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Application Number	10/777,979
Filing Date	February 12, 2004
First Named Inventor	Emily Eng et al.
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Attorney Docket Number	112056-0180

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

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Examiner Signature

Nadeem Iqbal

Date Considered

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	First Named Inventor	Emily Eng et al.	
	Group Art Unit	2114	
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NI	1	HITZ, David., et al., "File System Design for an NFS File Server Appliance", Technical Report 3002, Rev. C3/95, Network Appliance, USENIX Winter 1994	
NI	2	CHUTANI, Sailesh, et al., "The Episode File System", USENIX Winter 1992	
NI	3	KISTLER James J., et al., "Disconnected Operation in the Code File System", ACM Transactions on Computer Systems, Vol. 10, No. 1, February 1992, Pgs. 3-25	
	4	ZAYAS Edward R., "AFS-3 Programmer's Reference: Architectural Overview", Transarc Corporation, Version 1.0 of 2 September 1991	
	5	KAZAR Michael L., et al., "DEcorum File System Architectural Overview", USENIX Conference, Summer 1990	
	6	CHEN, Peter M., et al., "An Evaluation of Redundant Arrays of Disks Using an Amdahl 5890", Computer Science Division, University of California, Berkeley, 1989	
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	8	HOWARD, John H., "An Overview of the Andrew File System", Information Technology Center, Carnegie Mellon University, 1988, Pgs. 1-6	
	9	BITTON, Dina, et al., "Disk Shadowing", Proceedings of the 14th VLDB Conference, Los Angeles, California 1988, Pgs. 331-338	
NI	10	SIDEBOTHAM, Bob, "Volumes: The Andrew File System Data Structuring Primitive", EUUG Conference Proceedings, Manchester, UK, Autumn 1986	
NI	11	DAVID A. PATTERSON et al., "A Case for Redundant Arrays of Inexpensive Disks (RAID)" Computer Science Division, University of California, 1998	

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BRIAN PAWLOWSKI et al., "Multi-Protocol Storage Appliance That Provides Integrated Support for File and Block Access Protocols", United States Patent Application Serial Number 10/215,917 filed on 8/9/2002

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Signature**

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